

Work Order ID 101657***101657***

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May-13-13 1:10:59 PM

Item ID: D3217-3

Accept

N900040100

Setup

Start

NS1**Revision ID:****Item Name:** Cable 80.5"

Stop

NS2**Start Date:** 5/13/13 **Start Qty:** 8.00***8*****Cust Item ID:****Required Date:** 5/24/13 **Req'd Qty:** 8.00***8*****Customer:****Reference:****Approvals:** Process Plan: C2Date: 13/05/14 Tooling:

Date:

Run Start ***NR1***

QC:

Date: _____ SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D3217	Rev C
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100	0.00
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100

Purchasing

PURCHASING

Memo

0.00

C2 13/05/14 (8)

Purchasing

Issue P/O: 19877 for P/N: 173-VTT-4-80.5 Cable Possible
Supplier: Commercial truck equipment Certificate of Conformity is required

110	Receive & Inspect for Damage & Mat'l Certs	0.00
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110

Packaging

Memo

0.00

13/05/14 (8)

Packaging

Ensure certificate of conformity is attached

120	QC6- Inspect dimensions to drawing	0.00
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120

QC

Memo

0.00

13/05/14 (8)

Quality Control

NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ **Date:** _____

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
				Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
				Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
				Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data	<input type="checkbox"/>										
Equip/Tooling	<input type="checkbox"/>										
Operator	<input type="checkbox"/>										
Material	<input type="checkbox"/>										
Setup	<input type="checkbox"/>										
Other	<input type="checkbox"/>										
Process	<input type="checkbox"/>										
Supplier	<input type="checkbox"/>										
Training	<input type="checkbox"/>										
Unapproved	<input type="checkbox"/>										
FAULT CATEGORY											
Landing Gear				General							
Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced			
Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure			
Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld			
Crushed/Crimped	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled			
Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>				
Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>				
Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>				
Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>	Other	<input type="checkbox"/>				
Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>				
Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>				
Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>		<input type="checkbox"/>				

Work Order ID 101657***101657***

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May-13-13 1:10:59 PM

Item ID: D3217-3

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Cable 80.5"

Stop

NS2

Start Date: 5/13/13 Start Qty: 8.00

8

Cust Item ID:

Required Date: 5/24/13 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>81223</i>	0.00							
130 Packaging	Memo	0.00							<i>SX</i> <i>81</i> <i>3-6-18.</i>
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							<i>13/6/19 JJ</i>
140 QC	Memo	0.00							
Quality Control									
									<i>MCJ 13-6-18</i>

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Date:

QA Closed: _____ Date: _____

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS										
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other								
Part No. _____																
NCR No. _____																
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector							
Doc/Data																
Equip/Tooling																
Operator																
Material																
Setup																
Other																
Process																
Supplier																
Training																
Unapproved																
FAULT CATEGORY																
Landing Gear				General												
Bending	General			Bend	General			Grain	General			Ovalized	General			Pressure/Forced
Centre Not Concentric to O/S				BOM/Route				Hardware				Over/Under tolerance				Temperature/Cure
Cracks				Broken/Damaged				Inspection Incomplete				Part Incorrect				Weld
Crushed/Crimped				Burrs				Instructions Incomplete/Unclear				Part Lost/Missing				Wrong Stock Pulled
Cuffs				Contamination				Maintenance				Part Moved				
Heat Treat				Countersink				Mislabeled				Positioned Wrong				
Inspection Strip in Tube				Cut Too Short				Misread				Power Loss/Surge				
Ripples in Bend				Drill Holes				Offset								
Torque Waves in Extrusion				Drawing				Out of Calibration								
Turning Sequence				Finish				Out of Sequence								
Wave/Twist in Tube				Folio				Outside Dimensions								

Picklist Print

May-13-13 1:10:58 PM

Page 1

Work Order ID: 101657

Parent Item: D3217-3

Parent Item Name: Cable 80.5"

Start Date: 5/13/13

Required Date: 5/24/13

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP A04.11.18New issueKJ/JLM
IPP Rev:B 08-10-07 revC as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
173-VTT-4-80.5 CABLE		Purchased	No			110	Each	0.0000	1	8		4/3/14	C

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Date:

QA Closed: Date:

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other	

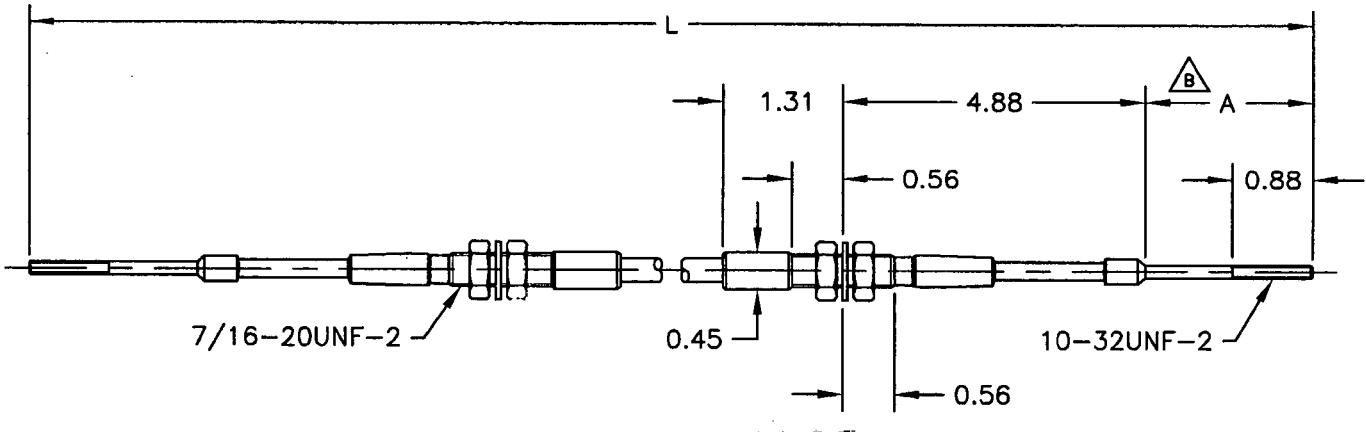
DART

DESIGN RF	DRAWN BY <i>AB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>JH</i>	DRAWING NO. D3217	REV. C SHEET 1 OF 1
DATE 08.09.26		TITLE CABLE	SCALE NTS
A	04.01.27	NEW ISSUE	
B	06.04.06	TRAVEL (A) INCORRECTLY REPRESENTED	
C	08.09.26	ADD D3217-5 CABLE	

RELEASED
~~08.09.30~~

CD/3/05/14

W/O. 101657



DART P/N	TRAVEL (A)	OVERALL LENGTH (L)	CABLE CRAFT P/N
D3217-1	4"	66.5"	173-VTT-4-66.5
D3217-3	4"	80.5"	173-VTT-4-80.5
D3217-5	4"	69.5"	173-VTT-4-69.5

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19877

Purchase Order Date 5/14/2013

PO Print Date 5/14/2013

Page Number 1 of 1

Order From : VC-DAN001

COMMERCIAL TRUCK EQUIPMENT
9475 - 192 STREET
SURREY, BC V4N 3R7
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PASSED

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
Vendor Part Number							
1	173-VTT-4-80.5	CABLE	5/20/2013 Yes	8.00 Each	Purolator ground	\$60.0200	\$480.16
Special Inst: AS PER DWG D3217 REV. C B101657							

**CERTIFICATE OF CONFORMITY
REQD UPON DELIVERY**

Change Nbr: 1

Change Date: 5/14/2013

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required? YES NO

COMMERCIAL

TRUCK EQUIPMENT CO.

Invoice: 7181959
 Order Date: 06/06/13
 Inv Date: 06/06/13
 Orig.order:
 PAGE: 1

Bill to: 711688
 DART AEROSPACE LTD.
 1270 ABERDEEN STREET

HAWKESBURY ON K6A 1K7
 613-632-5200

Ship to:
 DART AEROSPACE LTD.
 1270 ABERDEEN STREET

HAWKESBURY, ON K6A 1K7

P.O.#	PST#	VIA	REP#	ORD TKR:	
PO19877		FED-15179324-0	999	GGB	
Ordered	Shipped	B/O Description	BIN	Price	Price Ext.
8.00	8.00	0.00 173-VTT-4-84 EA PUSH PULL CABLE		60.02	480.16

CUSTOM BUILT NON-RETURNABLE CABLE
 PLEASE ASSEMBLE AS: 173-VTT-4-80.5

Now open Saturday 7:30 am to 2:30 pm

See reverse for conditions. Overdue accounts charged 19.56% per annum (1.5 per month)

COMMERCIAL
 TRUCK EQUIPMENT CO.

9475 192 Street
 Surrey, BC V4N 3R7
 Ph: 604-888-0513
 Fax: 604-888-1036

11199-48th Street SE
 Calgary, AB T2C 5H4
 Ph: 403-253-6421
 Fax: 403-253-1873

9111-41 Ave.
 Edmonton, AB T6E 6M5
 Ph: 780-468-5151
 Fax: 780-468-1565

1155 MacKay Street
 Regina, SK S4N 4X9
 Ph: 306-721-9575
 Fax: 306-721-2214

GST/HST #83835 2052RT001

Subtotal	480.16
Freight	0.00
GST/HST	24.01
PROV TAX	33.61
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Order total	537.78
Amount paid	0.00

AMOUNT DUE 537.78